



Attorney Docket No. 5470-368

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Ting et al.  
Application No.: 10/511,989  
Filed: May 25, 2005  
For: Caterpillar gene family

Confirmation No.: 4540  
Group Art Unit: 1633  
Examiner: S. Priebe

Date: October 24, 2007

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUBSTITUTE AMENDMENT IN RESPONSE  
TO NOTICE OF NON-COMPLIANT AMENDMENT**

Dear Sir,

Applicants provide the present Substitute Amendment in response to the Notice of Non-Compliant Amendment dated October 10, 2007.

It is not believed that any fees are due beyond those authorized with the initial response dated August 22, 2007. In the event that additional fees are due; such fees may be charged to Deposit Account No. 50-0220.

Responsive to the Office Action dated April 23, 2007, it is respectfully requested that this application be examined in view of the following remarks. A Petition for Extension of Time for one month is included herewith. The Commissioner is authorized to charge any deficiencies, or credit any overpayment, to Deposit Account 50-0220.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims, which begin on page 3 of this paper.

**Amendments to the Drawings** begin on page 10 of this paper.

**Remarks** begin on page 11 of this paper.